7,218,691

PTO/SB/21 (09-04)

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Patent Number

Cose

TRANSMITOAL FORM			Patent Number			7,218,691					
			Issue	e Date		May 15, 2007					
			First Named Inventor			Ravi Narasimhan					
			Application Number		oer	10/067,556					
(to be used for all correspond	i ensetataeninite		Filing	Date		February 4	4, 2002				
Total Number of Pages in This	Submission		Attor	ney Docket I	Number	MP0091		フ			
ENCLOSURES (check all that apply)											
Fee Transmittal Form Drawing(s)			☐ After Allowance Communication to TC					
Fee Attached	[Licensing-	elated Papers			Appeal Communication to Board of Appeals and Interferences					
Amendment / Reply		Petition /				Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)					
After Final	[Convert to a Application			Proprietary Information					
Affidavits/declaration(s)	Power of A	Attorney	r, Revocation pondence Ad	dress	Status Letter					
Extension of Time Reques	st	Terminal C	isclaimer			Other Enclosure(s) (please identify below):					
Express Abandonment Request		Request for Refund				Request for Certificate of Correction; Certificate of Correction (in duplicate); And Return Receipt Postcard.					
		CD, Number of CD(s)									
Information Disclosure Statement		☐ Land	dscape	Table on CD							
Certified Copy of Priority Document(s)	-	Remarks									
Reply to Missing Parts/ Incomplete Application	ply to Missing Parts/ Please charge any underpayment or credit any overpayment to Deposit Account										
Reply to Missing Part under 37 CFR1.52 or		JUL 1 9 200									
	SIGNA	TURE OF A	APPLIC	CANT, ATTO	ORNEY, (OR AGENT	of Correction				
Firm Harness, Dickey & Pierce, P.L. C.											
Signature	1/	Mulil D News									
Printed Name	Mid	Michael D. Wiggins									
Date		July 16, 2007		Reg. No		34,754					
CERTIFICATE OF TRANSMISSION/MAILING											
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.											
Typed or printed name	Diane M. Sch	M. Schmidt									
Signature	Dian	e M	. 🗸	anne		Date	July 16, 2007				

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUL 2 4 2007

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTA	DIPE	Patent Number		7,218,691							
FORM		Issue Date		May 15, 2007							
FORINI JU	L 16 2007 8	First Named Inve	entor	Ravi Narasimhan							
1	/ منگ	Application Num	ber	10/067,55	6						
(to be used for all correspondence after	Filing Date		February 4, 2002								
Total Number of Pages in This Submiss		Attorney Docket	Number	MP0091)						
ENCLOSURES (check all that apply)											
Fee Transmittal Form Drawing(s				After Allov	vance Communication to TC						
Fee Attached	related Papers		Appeal Communication to Board of Appeals and Interferences								
Amendment / Reply	Petition			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)							
After Final	Convert to a I Application	[[Proprietar	y Information							
Affidavits/declaration(s)		ttorney, Revocation Correspondence Ad	dress	Status Let	ter						
Extension of Time Request	isclaimer	[Other End	closure(s) ntify below):							
Express Abandonment Request	r Refund er of CD(s)		Certificate of C	ertificate of Correction; Correction (in duplicate);							
Information Disclosure Statement		scape Table on CD		and Return Re	eceipt Postcard.						
Certified Copy of Priority Document(s)	Remarks										
Reply to Missing Parts/ Incomplete Application	Please charge any underpayment or credit any overpayment to Deposit Account No. 08-0750.										
Reply to Missing Parts under 37 CFR1.52 or 1.53											
SIGN	ATURE OF A	PPLICANT, ATTO	ORNEY, OF	RAGENT							
Firm Harness, Dickey & Pierce, P.L. C.											
Signature	Incle Dh	Heex									
Printed Name Michael D. Wiggin											
Date	July 16, 2007		Reg. No.	34,754							
CERTIFICATE OF TRANSMISSION/MAILING											
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.											
Typed or printed name Diane M.	Express Mail Label No	EV 755 418 833 US (7/16/2007)									
Signature Dia	ne M.	Schmi		Date	July 16, 2007						

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.





THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.:

7,218,691

Issue Date:

May 15, 2007

Inventor(s):

Ravi Narasimhan

Application No:

10/067,556

Filing Date:

February 4, 2002

Title:

METHOD AND APPARATUS FOR ESTIMATION OF ORTHOGONAL

FREQUENCY DIVISION MULTIPLEXING SYMBOL TIMING AND

CARRIER FREQUENCY OFFSET

Attorney Docket:

MP0091

Commissioner for Patents Certificate of Correction Branch P.O. Box 1450 Alexandria, Virginia 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

Sir:

We have reviewed the above referenced patent and have found an error which appears to require a Certificate of Correction.

Enclosed herewith is an original and a copy of the Patent and Trademark Office Certificate of Correction form which we request be approved for the above-indicated patent.

There should be no charge for this Certificate of Correction since the error was made by the PTO. However, if there are any fees that are due, please charge them to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: July 16, 2007

HARNESS, DICKEY & PIERCE, P.L.C.

P.O. Box 828

Bloomfield Hills, Michigan 48303

(248) 641-1600

y: /www.y/v

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. (Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 7,218,691

APPLICATION NO: 10/067,556

DATED: May 15, 2007

INVENTOR(S): Ravi Narasimhan

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 10, Line 45 Delete "orgi" and insert —orig—

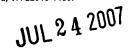
MAILING ADDRESS OF SENDER:

Harness, Dickey & Pierce, P.L.C. 5445 Corporate Drive, Suite 200 Troy, Michigan 48098-2683

PATENT NO. 7,218,691

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 7,218,691

APPLICATION NO: 10/067,556

DATED: May 15, 2007

INVENTOR(S): Ravi Narasimhan

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 10, Line 45

Delete "orgi" and insert -orig--

MAILING ADDRESS OF SENDER:

Harness, Dickey & Pierce, P.L.C. 5445 Corporate Drive, Suite 200 Troy, Michigan 48098-2683

PATENT NO. 7,218,691

No. of additional copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.